AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended)   In a computer system that accesses a database having one or more data tables, the computer system configured to provide content from the database to a Web server for inclusion in Web based responses to requests for Web based content, a method for configuring the database to provide a table change notification to the Web server when content in one of the data tables relevant to the Web server is altered, the method comprising the following:

an act of selecting a data table that is to be monitored for content changes, the selected data table selected from among the one or more data tables of the database, the selected data table providing cacheable content to the Web server for efficient generation of Web responses to Web based requests for content;

an act of inserting a record that corresponds to for the selected data table into a change notification table, the corresponding record including versioning information for the selected data table, the versioning information used to determine when a cache entry at the Web server is valid, the cache entry containing cacheable content from the selected data table for inclusion in Web responses;

an act of assigning a trigger to the selected data table, the trigger configured to update causing the versioning information included in the record for the selected data table to be updated in the change notification table when content in the selected data table is altered;

an act of updating the versioning information in the change notification table in response to ~~a portion of~~ content in the selected data table being altered; and

an act of ~~returning~~ sending the updated versioning information to the Web a ~~requesting~~ server ~~computer system~~ such that the updated versioning information is ~~can be~~ used to determine the validity of the cacheable content in ~~a~~ the cache entry at the Web server ~~computer system~~.

2. (Original)   The method as recited in claim 1, wherein the act of selecting a data table that is to be monitored for content changes comprises an act of receiving user-input that causes the computer system to selects a data table is to be monitored for content changes.

3. (Original)   The method as recited in claim 1, wherein the act of selecting a data table that is to be monitored for content changes comprises an act of the computer system automatically selecting a data table in response to a received Web request.

4. (Currently Amended)   The method as recited in claim 1, wherein the act of inserting a record for ~~that corresponds to~~ the selected data table into a change notification table compromises an act of inserting the record in response to user-input.

5. (Currently Amended)   The method as recited in claim 1, wherein the act of inserting a record for ~~that corresponds to~~ the selected data table into a change notification table compromises an act of the computer system automatically inserting the record in response to a Web request.

6. (Currently Amended)   The method as recited in claim 1, wherein the act of inserting a record for ~~that corresponds to~~ the selected data table into a change notification table compromises an act of inserting the record into a SQL table.

7. (Original)   The method as recited in claim 1, wherein the act of assigning a trigger to the selected data table comprises an act of receiving user input instructing a trigger to be assigned to the selected data table.

8. (Currently Amended)   The method as recited in claim 1, wherein the act of assigning a trigger to the selected data table comprises an act of the computer system automatically assigning a trigger ~~to the selected table~~ in response to receiving a Web request for content contained in the selected <u>data</u> table.

9. (Currently Amended)   The method as recited in claim 1, wherein the act of assigning a trigger to the selected data table comprises an act of the assigning a trigger that, when executed <u>by a processing unit at the computer system</u> in response to content in the selected data table being altered, will update a corresponding change ID in the table change notification table.

10. (Original) The method as recited in claim 1, wherein the act of updating the versioning information in the change notification table in response to content in the selected data table being altered comprises an act of executing the trigger.

11. (Currently Amended)   The method as recited in claim 1, wherein the act of ~~returning~~ sending the updated versioning information to ~~a requesting~~ the Web server ~~computer system~~ comprises an act of ~~returning the~~ sending updated versioning information that indicates to the Web ~~a requesting~~ server that the cache entry is to be invalidated~~computer system that constructs Web responses including content from the selected data table~~.

Claims 12-35. (Cancelled).

36. (Currently Amended) A computer program product ~~for use in~~ executed at a computer system that access a database having one or more data tables, the computer system configured to provide content from the database to a Web server for inclusion in Web based responses to requests for Web based content, the computer program product ~~for~~ implementing a method for configuring the database to provide a table change notification to the Web server when data in one of the data tables relevant to the Web server is altered, the computer program product comprising one or more computer-readable storage media having stored thereon computer executable instructions that, when executed by a processing~~or~~ unit, implement the method including ~~cause the computer system to perform~~ the following:

select a data table that is to be monitored for data changes, the selected data table selected from among the one or more data tables of the database, the select data table providing cacheable content to the Web server for efficient generation of Web responses to Web based requests for content;

insert a record for ~~that corresponds to~~ the selected data table into a change notification table, the ~~corresponding~~ record including versioning information for the selected data table, the versioning information used to determine when a cache entry at the Web serer is valid, the cache entry containing cacheable content from the selected data table for inclusion in Web responses;

assign a trigger to the selected data table, the trigger configured to update ~~causing~~ the versioning information in the record ~~for the selected data table to be updated in the change notification table~~ when data in the selected data table is altered;

update the versioning information in the change notification table in response to a portion of ~~data~~ content in the selected data table being altered; and

send the updated versioning information to ~~a requesting~~ the Web server ~~computer system~~ such that the updated versioning information ~~can be~~ is used to determine the validity of ~~data~~ the cacheable content in ~~a~~ the cache entry at the Web server ~~computer system~~.

37. (Currently Amended)   The computer program product as recited in claim 36, wherein the one or more computer-readable storage media are physical media.

38. (Currently Amended)   The computer program product as recited in claim 36, wherein the one or more computer-readable storage media include system memory.

Claims 39-49. (Cancelled).